



Philips  
flat HDTV with Pixel Plus 2  
HD

47"

LCD HD Ready

47PF9541



# Turn up your viewing experience

with Pixel Plus 2 HD

Enjoy the ultimate viewing experience with this Philips integrated HDTV with Pixel Plus 2 HD technology. Enjoy your multimedia content with the built in USB connector.

#### **Immersive viewing experience**

- Pixel Plus 2 HD for great details, depth and clarity

#### **Vivid, natural and razor sharp images**

- Full HD LCD display, 1920x1080p

#### **Breathtaking natural pictures**

- Enjoy HDTV that's truer than anything you've seen before

#### **True beauty lies in the details**

- Matching stand with elegant design included

#### **Perfect picture quality from your digital photos**

- USB Connector for easy, instant multimedia playing

# PHILIPS

sense and simplicity

## Specifications

### Picture/Display

- **Aspect ratio:** 16:9
- **Brightness:** 500 cd/m<sup>2</sup>
- **Dynamic screen contrast:** 4000:1
- **Response time (typical):** 8 ms
- **Viewing angle:** 176° (H) / 176° (V)
- **Diagonal screen size (inch):** 47 inch
- **Display screen type:** LCD Full HD W-UXGA Act. matrix
- **Panel resolution:** 1920x1080p
- **Picture enhancement:** Pixel Plus 2 HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Active Control, Color Transient Improvement, Digital Crystal Clear, Digital Natural Motion, Digital Noise Reduction, Jagged Line Suppression, LTI, Progressive Scan, Widescreen Plus
- **Screen enhancement:** Anti-Reflection coated screen

### Supported Display Resolution

- **Computer formats**

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	60Hz
1024 x 768	60Hz
- **Video Formats**

Resolution	Refresh rate
640 x 480i	1Fh
640 x 480p	2Fh
720 x 576i	1Fh
720 x 576p	2Fh
1280 x 720p	3Fh
1920 x 1080i	2Fh

### Sound

- **Output power (RMS):** 2x8W
- **Sound Enhancement:** Digital Signal Processing, Dynamic Bass Enhancement, Graphic Equaliser
- **Sound System:** Virtual Dolby Digital

### Loudspeakers

- **Built-in speakers:** 6
- **Loudspeaker types:** Front Speakers, Integrated woofers with wOOx, Dome tweeter

### Convenience

- **Child Protection:** Child Lock+Parental Control
- **Clock:** Smart Clock
- **Ease of Installation:** Auto Program Naming, Automatic Tuning System (ATS), Autostore, PLL Digital Tuning, Plug & Play
- **Ease of Use:** Auto Volume Leveller (AVL), Channel list, Delta Volume per preset, Graphical

User Interface, On Screen Display, Side Control, Smart Picture Control, Smart Sound Control

- **Remote Control:** Amp, DVD, STB (Set-Top Box), VCR

- **Remote control type:** RC4404
- **Screen Format Adjustments:** 4:3, 6 Widescreen Modes, Auto Format, Movie expand 14:9, Movie expand 16:9, Subtitle and Heading Shift, Subtitle Zoom, Super Zoom, Widescreen
- **Teletext:** Closed Captioning Full Text
- **VESA Mount:** Wallmounting possible: 700x200, M8

### Multimedia Applications

- **Multimedia connections:** USB (streaming video capable)
- **Playback Formats:** MP3, Slideshow files (.alb), JPEG Still pictures, MPEG2

### Tuner/Reception/Transmission

- **Aerial Input:** 75 ohm coaxial (IEC75)
- **TV system:** PAL B/G, PAL D/K
- **Video Playback:** NTSC, SECAM, PAL
- **Tuner bands:** Hyperband, S-Channel, UHF, VHF

### Connectivity

- **AV 1:** (1, 2, 3Fh autoranging), Audio L/R in, Component Video in, RGB+H/V, S-Video, YPbPr
- **AV 2:** Audio L/R in, CVBS, S-Video
- **AV 3:** S/PDIF digital coaxial, YPbPr
- **Ext 4:** HDMI
- **Ext 5:** HDMI
- **Front / Side connections:** Audio L/R in, CVBS in, Headphone out, S-video in, USB
- **Other connections:** Monitor out, CVBS, L/R (cinch), S/PDIF in (coaxial), S/PDIF out (coaxial)

### Power

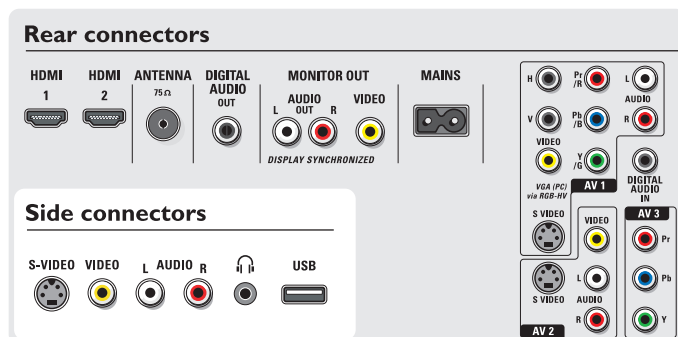
- **Ambient temperature:** 5 °C to 40 °C
- **Mains power:** AC 110 - 240 V +/- 10%
- **Power consumption:** 305 W
- **Standby power consumption:** 0.8 W

### Dimensions

- **Set dimensions (W x H x D):** 1210 x 824 x 146 mm
- **Set dimensions with stand (H x D):** 880 x 394 mm
- **Product weight:** 49.4 kg
- **Color cabinet:** Black

### Accessories

- **Included Accessories:** Table top stand, Wall mounting bracket, RF antenna cable





## Product highlights

### Full HD LCD display 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

### HDTV

HDTV delivers exceptional picture quality and real movie-viewing experience that makes television more dynamic, truer than anything you've seen before. It is the latest and best television signal available. It features picture quality more than twice that of traditional analog broadcasts. In order to effectively maximize the HDTV signal, a television must incorporate advanced signal input connectivity and circuitry design.

### Pixel Plus 2 HD

Pixel Plus 2 HD offers the unique combination of ultimate sharpness, natural detail, increased depth, vivid colors and smooth and natural motion from standard TV, High Definition signals and multimedia sources. Each pixel of the incoming picture is enhanced to better match the surrounding pixels, resulting in a more natural picture. Artifacts in compressed multimedia content are detected and reduced, ensuring that the picture is clean and razor sharp. Digital noise reduction ensures that the picture is perfectly smooth yet razor sharp.

### Bypacked tabletop stand

A table-top stand with matching design is packed with the set.

### 2 HDMI inputs

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.



Issue date 2008-07-03

Version: 3.0.8

12 NC: 8670 000 29373  
EAN: 87 12581 33516 8

© 2008 Koninklijke Philips Electronics N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips  
Electronics N.V. or their respective owners.

[www.philips.com](http://www.philips.com)